

CLAIMS

1. A blasting method of processing a bomb by forming an explosive layer on an outermost surface of the bomb to be processed having a casing in a particular shape and by exploding the explosive layer, wherein the explosive layer comprises a first explosive layer formed around the outermost surface of the casing and a second explosive layer formed as to surround the first explosive layer; an explosive in the second explosive layer has a higher explosion velocity than an explosive in the first explosive layer; and the second and first explosive layers are exploded at a certain time interval by igniting a particular region of the second explosive layer.
2. The blasting method according to Claim 1, wherein the casing is cylindrical in shape; the first and second explosive layers are placed symmetrically with respect to an axis of the casing; and the ignition region is placed at an intersection of the axis of the casing with the second explosive layer.
3. The blasting method according to Claim 2, wherein the ignition region is placed on top of the second explosive layer; and no first explosive layer is formed between the ignition region and a top region of the casing.
4. The blasting method according to Claim 1, wherein the first explosive layer is formed with an explosive ANFO.
5. The blasting method according to Claim 1, wherein the first explosive layer is formed with an explosive having a desirable flowability.
6. The blasting method according to Claim 1, wherein the casing is cylindrical in shape and the explosive layer is formed in the following steps including:
a first step of placing the cylindrical bomb to be processed upright on a bottom plate in a particular shape,
a second step of covering the cylindrical bomb to be processed with a cylinder having an inner diameter larger by a particular length than an outer diameter of the cylindrical bomb to be processed and a height larger by a particular length than a height of the cylindrical bomb to be processed,
a third step of filling an explosive having a desirable flowability in a space between the cylinder and the cylindrical bomb to be processed,

a fourth step of covering the cylindrical bomb to be processed by placing a cap plate on top of the cylinder, and

a fifth step of forming a second explosive layer on the outermost surface of the cylinder and the cap plate, and placing a detonator on the cap plate.

7. The blasting method according to Claim 1, wherein the casing is cylindrical in shape and the explosive layer is formed in the following steps including:

a first step of placing the cylindrical bomb to be processed upright on a bottom plate in a particular shape,

a second step of covering the cylindrical bomb to be processed with a cylinder carrying a second explosive layer formed previously on the peripheral surface, the cylinder having an inner diameter larger by a particular length than an outer diameter of the cylindrical bomb to be processed and a height larger by a particular length than a height of the cylindrical bomb to be processed,

a third step of filling an explosive having a desirable flowability in a space between the cylinder and the cylindrical bomb to be processed, and

a fourth step of covering the cylindrical bomb to be processed by placing a cap plate having a previously formed detonator and a second explosive layer on top of the cylinder.

8. The blasting method according to Claim 1, wherein the casing is cylindrical in shape and the explosive layer is formed in the following steps including:

a first step of placing a cylinder upright on a bottom plate in a particular shape, the cylinder having an inner diameter larger by a particular length than an outer diameter of the cylindrical bomb to be processed and a height larger by a particular length than a height of the cylindrical bomb to be processed,

a second step of infusing inside of the cylinder with an explosive having a desirable flowability for forming a first explosive layer in a particular amount,

a third step of pushing the cylindrical bomb to be processed into the explosive infused in the cylinder,

a fourth step of covering the cylindrical bomb to be processed by placing a cap plate on top of the cylinder, and

a fifth step of forming a second explosive layer on the outermost surface of the cylinder and the cap plate, and placing a detonator on the cap plate.

9. The blasting method according to Claim 1, wherein two or more of the bombs having

the explosive layers are processed as they are placed in parallel and ignited at the same time.

10. The blasting method according to Claim 1, wherein two or more of the bombs having the explosive layers are processed as they are piled and a particular region of the bomb to be processed being located at the top is ignited.

11. The blasting method according to Claim 1, wherein the bomb to be processed contains a chemical agent hazardous to a human body inside the casing and is blasted in a tightly sealed vessel.

12. The blasting method according to Claim 11, wherein a fluidal substance is filled in a wall of the tightly sealed vessel.

13. The blasting method according to Claim 12, wherein the thickness of the wall is 250 millimeters or more.